

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-26. (canceled).

27. (currently amended) A vial comprising a bored interior having a consistent dimension ~~configured~~ to hold a frit for retaining material within the vial above the frit and maintain a consistent flow through the bored interior during a flushing procedure by only forming a pressure differential to expel material from the vial and a solid support retained within the vial above the frit after the flushing procedure.

28. (currently amended) The vial according to claim 27 further comprising an exterior dimension ~~configured~~ to fit within a receiving hole of a cartridge, thereby providing a pressure-tight seal between the vial and the cartridge.

29. (currently amended) A vial comprising an exterior dimension ~~configured~~ to fit within a receiving hole of a cartridge thereby providing a pressure-tight seal between the vial and the cartridge, ~~and~~ a bored interior having a consistent dimension to maintain a consistent flow through the bored interior during flushing procedures by only forming a pressure differential to expel material from the vial and a solid support retained within the vial above the frit after flushing procedures.

30. (previously presented) The vial according to claim 29 further comprising a frit positioned within the bored interior to retain material within the vial above the frit.

31-34. (canceled).

35. (currently amended) A vial comprising:

- a. a bored interior having a consistent dimension ~~configured~~ to hold a frit for retaining material above the frit and maintain a consistent flow through the

- bored interior during a flushing procedure by only forming a pressure differential to expel material from the vial;
- b. a top opening through which material is dispensed into the bored interior;
- c. a bottom opening of a diameter to retain material within the bored interior when no pressure differential is applied and through which material is flushed during the flushing procedure; and
- d. an exterior dimension ~~configured~~ to form a pressure-tight seal between the vial and a cartridge when the vial is inserted into a receiving hole of the cartridge; and
- e. a solid support retained within the vial above the frit after the flushing procedure.

36. (currently amended) A vial comprising:

- a. a frit;
- b. a solid support;
- c. a bored interior having a consistent dimension ~~configured~~ to hold the frit for retaining the solid support above the frit and maintain a consistent flow through the bored interior during a flushing procedure by only forming a pressure differential to expel material from the vial, wherein the solid support and material formed on the solid support is retained above the frit, within the vial, during a flushing procedure, ~~thereby forming reactionary material;~~
- d. a top opening through which material is dispensed into the bored interior;
- e. a bottom opening of a diameter to retain material within the bored interior when no pressure differential is applied and through which material is flushed during the flushing procedure; and
- f. an exterior dimension ~~configured~~ to form a pressure-tight seal between the vial and a cartridge when the vial is inserted into a receiving hole of the cartridge.

37. (previously presented) The vial as claimed in claim 36 wherein the solid support is controlled pore glass beads.

38. (previously presented) The vial as claimed in claim 36 wherein the material dispensed into the bored interior is a reagent solution.
39. (canceled).
40. (currently amended) The vial as claimed in claim ~~39~~ 27 wherein the solid support is controlled pore glass beads.
41. (canceled).
42. (currently amended) The vial as claimed in claim ~~41~~ 29 wherein the solid support is controlled pore glass beads.
43. (canceled).
44. (currently amended) The vial as claimed in claim ~~43~~ 35 wherein the solid support is controlled pore glass beads.